CLAIMS

1. A method for measuring the optical characteristics of a colored liquid comprising:

a dropping step of dropping a colored liquid onto a transparent plate arranged horizontally, and

a measuring step of measuring the optical characteristics of the dropped colored liquid from beneath the transparent plate.

2. A method for measuring the optical characteristics of a colored liquid according to Claim 1, wherein the measuring step comprises starting measurement when a predetermined time has passed after the start of dropping in the dropping step.

3. Method for measuring the optical characteristics of a colored liquid according to Claim 1, wherein the measuring step is performed using a spectrophotometer equipped with an integrating sphere, an illumination light, and a receptor.

4. An apparatus for measuring the optical characteristics of a colored liquid, comprising:

a transparent plate arranged horizontally,

a sampling means capable of collecting a colored liquid and dropping the collected colored liquid onto the transparent plate, and

a measuring means for measuring the optical characteristics of the dropped colored liquid, the measuring means being positioned beneath the transparent plate.

5. An apparatus for measuring the optical characteristics of a colored liquid according to Claim 4, further comprising:

a transporting means for transporting the sampling means between an area above the transparent plate and a container containing the colored liquid,

a driving means for driving the sampling means to collect and drop the colored liquid, and

a controlling means for controlling the operation of the transporting means and the driving means.

6. An apparatus for measuring the optical characteristics of a colored liquid according to Claim 5, wherein the controlling means makes the measuring means start measurement when a predetermined time has passed after dropping of the colored liquid is started due to the driving of the driving means.

7. An apparatus for measuring the optical characteristics of a colored liquid according to Claim 5, wherein the sampling means is in the form of a pipette or a syringe.

8. An apparatus for measuring the optical characteristics of a colored liquid according to Claim 4, further comprising a frame-like flow prevention member, the flow prevention member being positioned on the surface of the transparent plate.

9. An apparatus for measuring the optical characteristics of a colored liquid according to Claim 4, wherein the measuring means further comprises a spectrophotometer equipped with an integrating sphere, an illumination light, and a receptor.